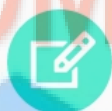
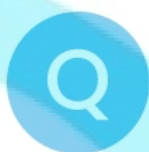


WWW.SAEEDMDCAT.COM



QUIZZES

Practice Test-1(Organic Chemistry)



10 Questions



7 min

Topics

Classification of organic compounds, Isomerism,
Functional Group

Start Quiz

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

06 : 57



1/10



7 min



Hint

Q : Which may not present as heteroatom in heterocyclic compounds generally

A

Sulphur

B

Nitrogen

C

Oxygen

D

Bromine

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 52



2/10



7 min



Hint

Q : Naphthalene and Anthracene are the example of

A

Alicyclic hydrocarbons

B

Acyclic Hydrocarbons

C

Aromatic hydrocarbons

D

Heterocyclic hydrocarbons

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 50



3/10



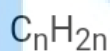
7 min



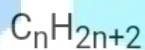
Hint

Q : General formula of saturated alicyclic compound is

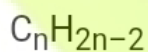
A



B



C



D



SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 47



4/10



7 min



Hint

Q : Which of the following can show geometric isomerism

A

Alkanes

B

alkenes

C

alkynes

D

Both a & c

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

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7

06 : 44



5/10



7 min



Hint

Q : Halo Alkanes or alkyl halides show _____ isomerism in addition to chain isomerism

A

Position

B

Functional group

C

Metamerism

D

cis-trans

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 42



6/10



7 min



Hint

Q : The isomerism exhibited by Butanal and Butanone

A

Chain isomerism

B

Geometric isomerism

C

Functional group isomerism

D

Metamerism

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

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6

7

06 : 40



7/10



7 min



Hint

Q : Which of the following statement is incorrect?

A

2-butene is positional isomer of 1-butene

B

Carbonyl functional group is present in both aldehydes and ketones

C

All the aromatic compounds are closed chain compounds

D

o-nitrotoluene and p-nitrotoluene are functional group isomers

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 37



8/10



7 min



Hint

Q : Glucose and fructose are_____ of each other

A

Chain isomers

B

Positional isomers

C

Functional group isomers

D

Metamers

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

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7

8

9

10

06 : 34



9/10



7 min



Hint

Q : Which one of the following class of compounds has been incorrectly matched with their general formula

A

PhenolPh -OH

B

AlcoholsCHO

C

KetoneRCOR'

D

Carboxylic acidsRCOOH

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 32



10/10



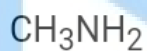
7 min



Hint

Q : Imino group is present in

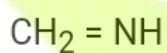
A



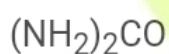
B



C



D



SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

5

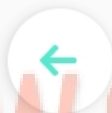
6

7

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9

10



QUIZ RESULT

Practice Test-1(Organic Chemistry)



10



7 min



01-May-2021



0 sec



0/10



0.0%

SAEED MDCAT

Result Detail

SAEED MDCAT TEAM



SAEEDMDCAT





Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



1/10

Q : Which may not present as heteroatom in heterocyclic compounds generally

A

Sulphur

B

Nitrogen

C

Oxygen

D

Bromine

Explanation

Explanation: In heterocyclic compounds, the heteroatom might be O, N or S

1

2

3

4

5

6

7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



2/10

Q : Naphthalene and Anthracene are the example of

A

Alicyclic hydrocarbons

B

Acyclic Hydrocarbons

C

Aromatic hydrocarbons

D

Heterocyclic hydrocarbons

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

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7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



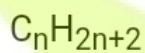
3/10

Q : General formula of saturated alicyclic compound is

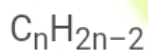
A



B



C



D



Explanation

Both alkenes and saturated alicyclic compound have same general formula



SAEEDMDCAT

1

2

3

4

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6

7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



4/10

Q : Which of the following can show geometric isomerism

A

Alkanes

B

alkenes

C

alkynes

D

Both a & c

Explanation

For geometric isomerism one carbon must have double bond and two different atoms attaches on the same carbon.

1

2

3

4

5

6

7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



5/10

Q : Halo Alkanes or alkyl halides show ____ isomerism in addition to chain isomerism



Position



Functional group



Metamerism



cis-trans

Explanation

SAEED MDCAT TEAM

By changing the position of functional group.
Functional group does not change.



SAEEDMDCAT

1

2

3

4

5

6

7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



6/10

Q : The isomerism exhibited by Butanal and Butanone

A

Chain isomerism

B

Geometric isomerism

C

Functional group isomerism

D

Metamerism

Explanation

Both have same molecular formula but different functional group



SAEEDMDCAT

1

2

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6

7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



7/10

Q : Which of the following statement is incorrect?

A

2-butene is positional isomer of 1-butene

B

Carbonyl functional group is present in both aldehydes and ketones

C

All the aromatic compounds are closed chain compounds

D

o-nitrotoluene and p-nitrotoluene are functional group isomers

Explanation

o-nitrotoluene and p-nitrotoluene are positional isomers



SAEEDMDCAT

1

2

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4

5

6

7



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



8/10

Q : Glucose and fructose are_____ of each other

A

Chain isomers

B

Positional isomers

C

Functional group isomers

D

Metamers

Explanation

Glucose have aldehydic functional group whereas fructose have ketonic group. Both have same molecular formula

4

5

6

7

8

9

10



Practice Test-1(Organic Chemistry)



Correct



Unattempted



Incorrect



9/10

Q : Which one of the following class of compounds has been incorrectly matched with their general formula

A

PhenolPh -OH

B

AlcoholsCHO

C

KetoneRCOR'

D

Carboxylic acidsRCOOH

Explanation

SAEED MDCAT TEAM

- CHO is aldehydic functional group



SAEEDMDCAT

4

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10



Practice Test-1(Organic Chemistry)



Correct



Unattempted



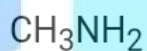
Incorrect



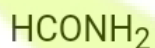
10/10

Q : Imino group is present in

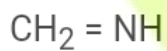
A



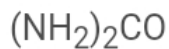
B



C



D



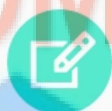
Explanation

Imino functional group is $\text{C} = \text{NH}$



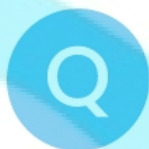
SAEEDMDCAT

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QUIZZES

Practice Test-2(Organic Chemistry)



10 Questions



7 min

Topics

Nomenclature of organic compounds (All Families)

Start Quiz

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

06 : 58



1/10



7 min



Hint

Q : IUPAC name of $\text{CH} \equiv \text{C} - \text{CH}(\text{CH}_3) - \text{C} \equiv \text{CH}$

A

3-Methylpent-1,5-diyne

B

3-Methylbut-1,4-diyne

C

3-Methylpent-1,4-diyne

D

2-Methylpent-1,4-diyne

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

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4

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6

7

06 : 53



2/10



7 min



Hint

Q : IUPAC name of Tartaric acid is

A

3-Hydroxypentanoic acid

B

2,3-dihydroxy-But-1,4-dioic acid

C

2,3-Diodroxypropanoic acid

D

2-hydroxypropanoic acid

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 49



3/10

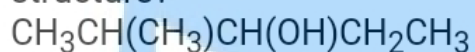


7 min



Hint

Q : What is the IUPAC name for the following structure?



A

4-Methyl-3-pentanol

B

2-methyl-2-pentanol

C

2-Methyl-3-Pentanol

D

3-methyl-3-pentanol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 44



4/10

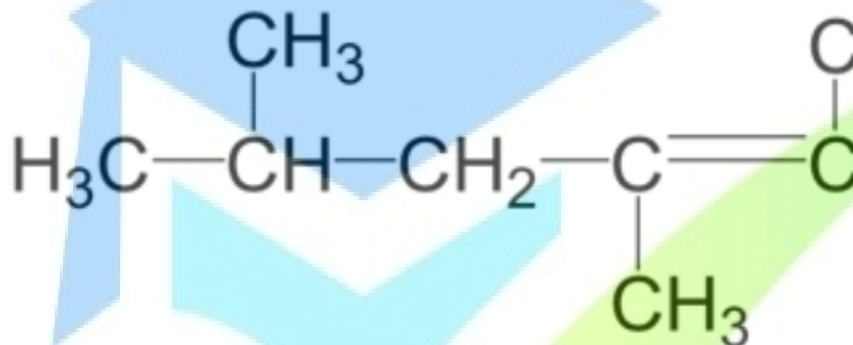


7 min



Hint

Q : IUPAC name of



A

2,3,5 - Trimethyl - 2-hexene

B

2,3,5 - Trimethyl - 2-hexane

C

2,4,5 - Trimethyl - 2-hexene

D

2,4,5 - Trimethyl - 2-pentene

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 40



5/10



7 min



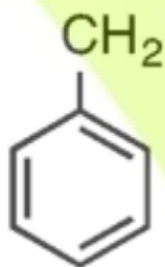
Hint

Q : Benzyl group is:

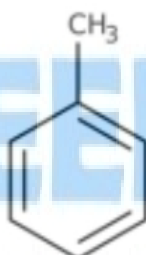
A



B



C



D



1

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7

06 : 37



6/10

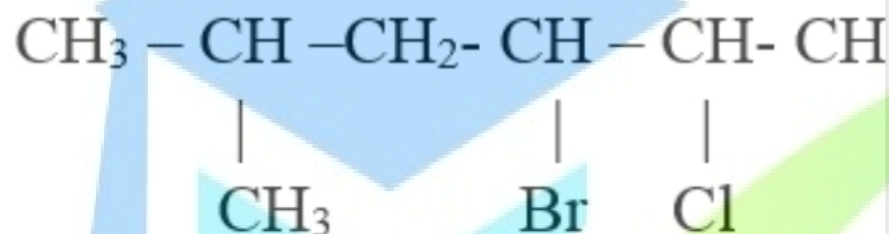


7 min



Hint

Q :



IUPAC name is :

A

2-chloro-3-bromo-5-methyl hexane

B

3-bromo-2-chloro-5 methylhexanol

C

4-bromo-5-chloro-2-methylhexane.

D

3-bromo-2-chloro-5-methylhexane

SAEED MDCAT TEAM



SAEEDMDCAT

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06 : 35



7/10



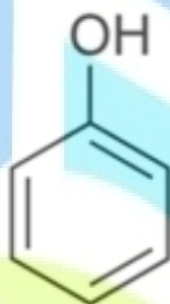
7 min



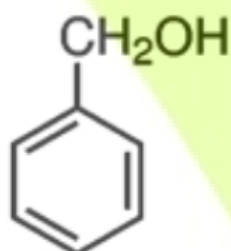
Hint

Q : Which of the following is alcohol

A



B



C



D

All are alcohols



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 30



8/10



7 min



Hint

Q : $\text{CH}_3\text{-CH=CH-CHO}$. The common name is

A

Lactic acid

B

Crotonaldehyde

C

2-Butenal

D

3-Butenal

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

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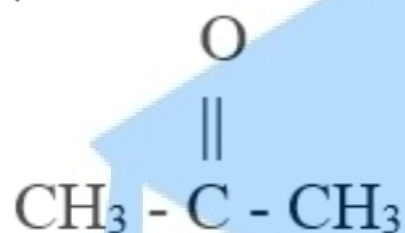
10

06 : 17



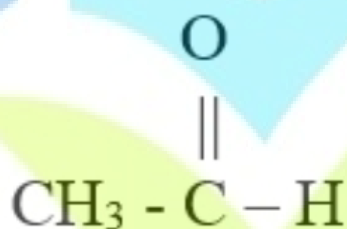
WWW.SAEEDMDCAT.COM

Q : The structure of acetone is

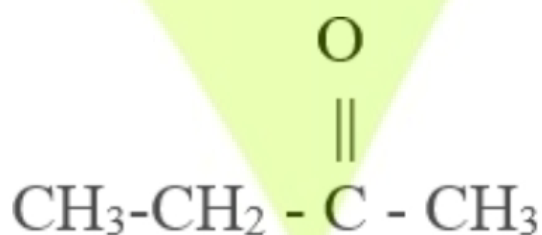


Which one of the following is the structure of acetaldehyde

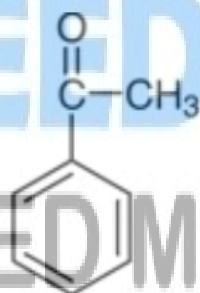
A



B



C



D



4

5

6

7

8

9

10

06 : 14



10/10



7 min



Hint

Q : Maleic acid is

A

Saturated dicarboxylic acid

B

Unsaturated dicarboxylic acid

C

Unsaturated monocarboxylic acid

D

Saturated monocarboxylic acid

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

5

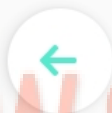
6

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QUIZ RESULT

Practice Test-2(Organic Chemistry)



10



7 min



01-May-2021



0 sec



0/10



0.0%

SAEED MDCAT

Result Detail

SAEED MDCAT TEAM



SAEEDMDCAT





Practice Test-2(Organic Chemistry)



Correct



Unattempted



Incorrect



1/10

Q : IUPAC name of $\text{CH} \equiv \text{C} - \text{CH}(\text{CH}_3) - \text{C} \equiv \text{CH}$

A

3-Methylpent-1,5-diyne

B

3-Methylbut-1,4-diyne

C

3-Methylpent-1,4-diyne

D

2-Methylpent-1,4-diyne

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

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Practice Test-2 (Organic Chemistry)



Correct



Unattempted



Incorrect



2/10

Q : IUPAC name of Tartaric acid is

A

3-Hydroxypentanoic acid

B

2,3-dihydroxy-But-1,4-dioic acid

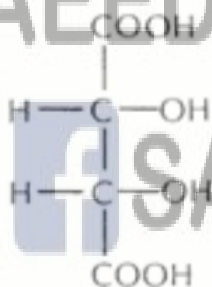
C

2,3-Dihydroxypropanoic acid

D

2-hydroxypropanoic acid

Explanation



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2

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Practice Test-2 (Organic Chemistry)



Correct



Unattempted

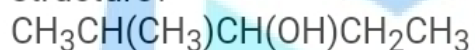


Incorrect



3/10

Q : What is the IUPAC name for the following structure?



A

4-Methyl-3-pentanol

B

2-methyl-2-pentanol

C

2-Methyl-3-Pentanol

D

3-methyl-3-pentanol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

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4

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6

7



Practice Test-2(Organic Chemistry)



Correct



Unattempted

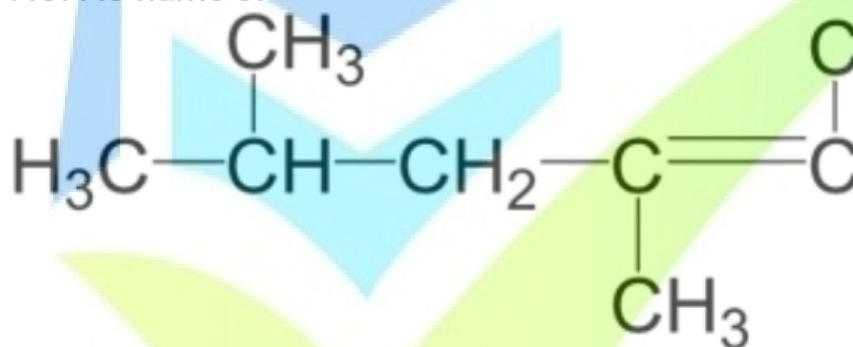


Incorrect



4/10

Q : IUPAC name of



A

2,3,5 - Trimethyl - 2-hexene

B

2,3,5 - Trimethyl - 2-hexane

C

2,4,5 - Trimethyl - 2-hexene

D

2,4,5 - Trimethyl - 2-pentene



SAEEDMDCAT

1

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7



Practice Test-2 (Organic Chemistry)



Correct



Unattempted



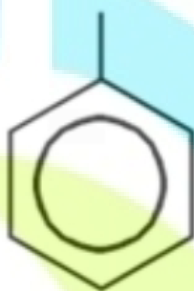
Incorrect



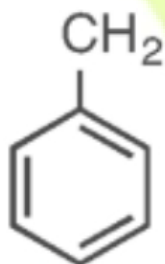
5/10

Q : Benzyl group is:

A



B



C



D



1

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3

4

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6

7



Practice Test-2 (Organic Chemistry)



Correct



Unattempted

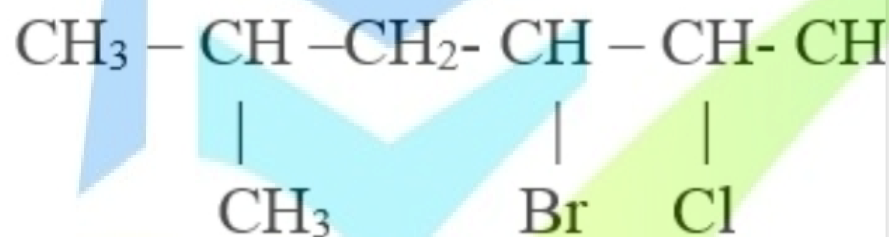


Incorrect



6/10

Q:



IUPAC name is :

A

2-chloro-3-bromo-5-methyl hexane

B

3-bromo-2-chloro-5 methylhexanol

C

4-bromo-5-chloro-2-methylhexane.

D

3-bromo-2-chloro-5-methylhexane

1

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3

4

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6

7



Practice Test-2(Organic Chemistry)



Correct



Unattempted



Incorrect



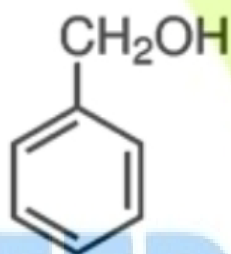
7/10

Q : Which of the following is alcohol

A



B



C



D

All are alcohols

1

2

3

4

5

6

7



Practice Test-2(Organic Chemistry)



Correct



Unattempted



Incorrect



8/10

Q : $\text{CH}_3\text{-CH=CH-CHO}$. The common name is

A

Lactic acid

B

Crotonaldehyde

C

2-Butenal

D

3-Butenal

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

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6

7

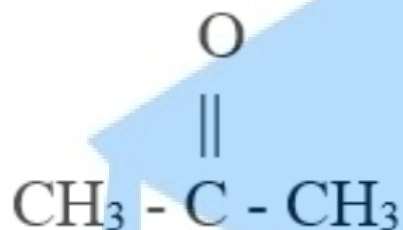
8

9

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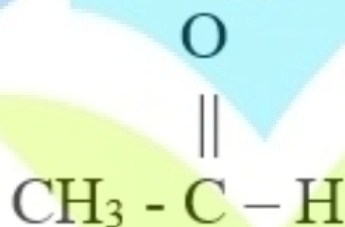


Q : The structure of acetone is

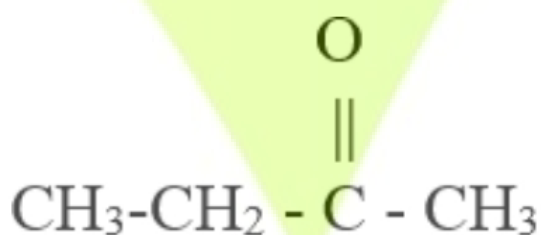


Which one of the following is the structure of acetaldehyde

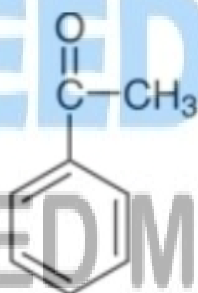
A



B



C



D





Practice Test-2 (Organic Chemistry)



Correct



Unattempted



Incorrect



10/10

Q : Maleic acid is

A

Saturated dicarboxylic acid

B

Unsaturated dicarboxylic acid

C

Unsaturated monocarboxylic acid

D

Saturated monocarboxylic acid

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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